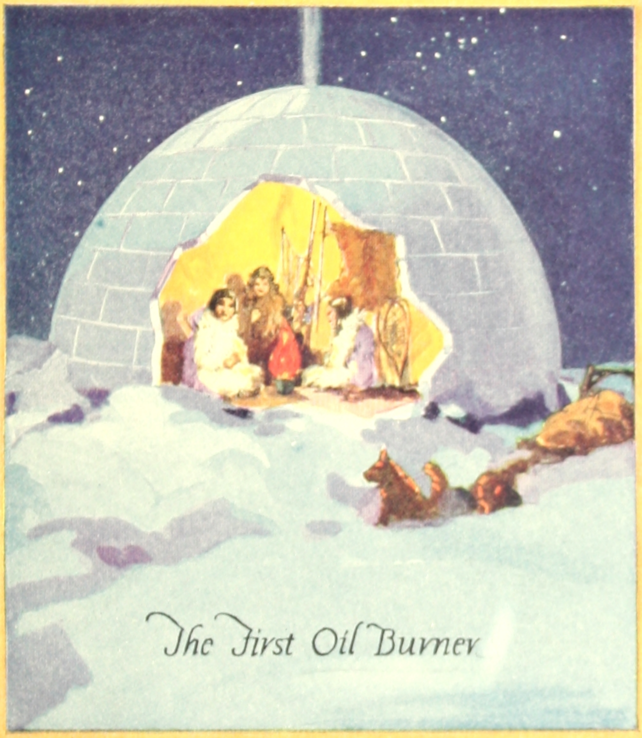
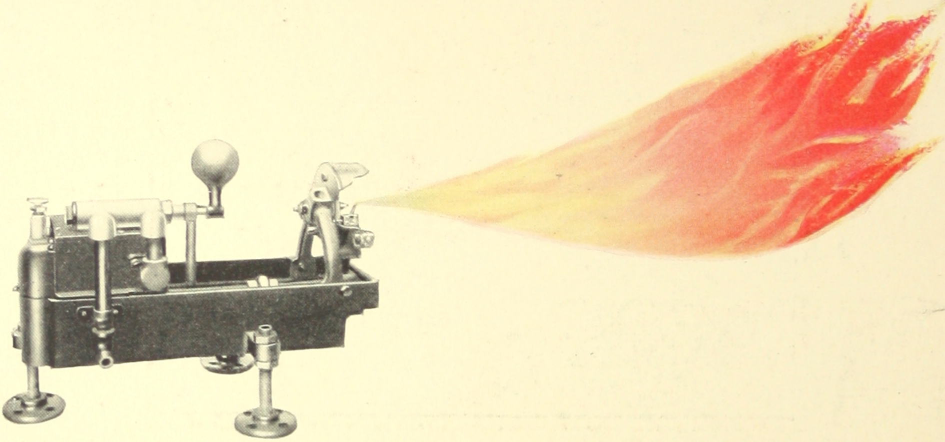
164-8.


The First Oil Burner

THE CALOROIL BURNER

The Modern Way



"The Way to Economy
is Through Efficiency"

APR 13 '26

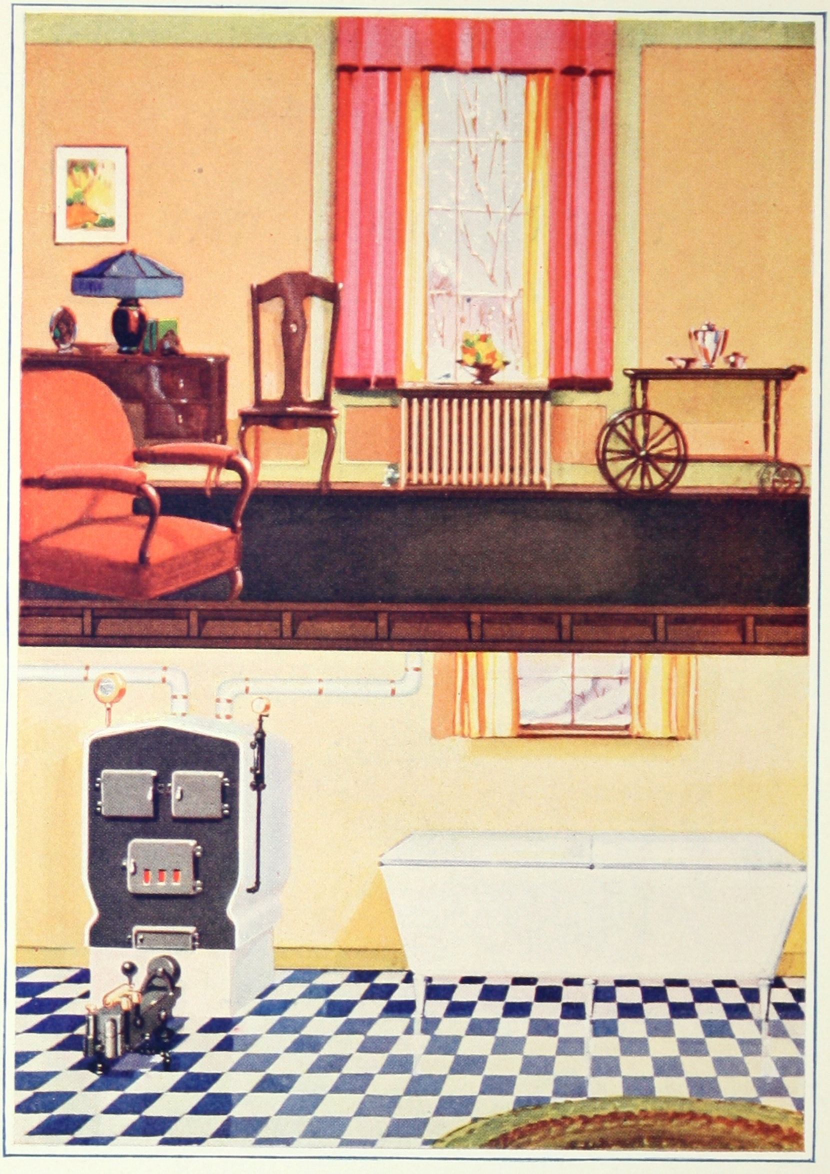
UNIFORM WARMTH WITH ECONOMY

THE CALOROIL WAY

THE MODERN WAY
to
Clean - Dependable -
Healthful Warmth
- With Economy -

ECONOMY DURABILITY
THE
CALOROIL
BURNER
RELIABILITY SIMPLICITY

THE CALOROIL BURNER CORPORATION
5 EAST 40TH STREET
NEW YORK, N. Y.



WITH NO OTHER FUEL CAN ONE HOPE TO OBTAIN THE CLEANLINESS THAT OIL AFFORDS. THE ABSENCE OF DUST, DIRT AND ODOR FROM THE CELLAR IS REFLECTED IN EVERY ROOM IN THE HOUSE

ID 90-6178 TCF

OIL—THE MODERN FUEL

For Comfortable ~ Healthful ~ Home Heating

IN the modern home, a subject which engages a great part of our attention is Heat. Years ago, heat was introduced into the home primarily as a protection against cold, without taking into consideration the importance of uniform heat in connection with health. Such strides forward, however, have been made in our standard of living and knowledge of health, through good housing conditions, that the acquisition of uniform, genial warmth, so necessary to health and comfort in our variable climate, is now the ambition of every householder.

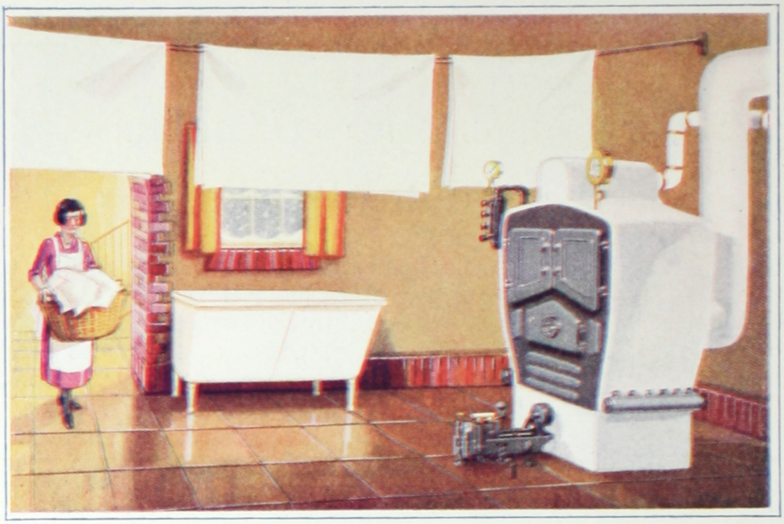
There are four methods of producing heat—electricity, gas, coal and oil. The prohibitive cost of the first two mentioned eliminates them from consideration. Of late years, coal has been rapidly approaching this same state because of increasing scarcity, high wages and labor troubles. In addition, irregular grading and poor quality have made uniform heating practically an impossibility. This has led to a trend to oil, caused by the natural demand for relief. This trend has been very rapid within the past five years, due to the development of oil-burning apparatus, the ease of obtaining the fuel, and its low cost. Today the burning of oil for fuel is past the experimental stage and is proving a revelation to thousands of householders throughout the country.

The Trend to Oil

The advantages of using oil for heating purposes are many, but probably the three that have the greatest appeal are *uniform heat, cleanliness* and *economy.* Its use eliminates entirely the dirt, disorder and drudgery attendant to the burning of coal. This absence of coal and ash dust is quickly reflected in every room in the house. Women are, therefore, among the greatest endorsers of using oil for fuel. It has lightened the work of housekeeping unbelievably. The removal of coal bins and ashes has given them an opportunity to utilize the basement for a laundry with a perfect drying room, thus eliminating the annoyance of hanging clothes in the kitchen or attic. In addition to the acquisition of cleanliness, it has freed them from the necessity of caring for the furnace while the male members of the household are at business.

Cleanliness Among Many Advantages

TCI 00-6179 TCF



CLOTHES CAN BE WASHED AND DRIED IN THE CELLAR WITHOUT FEAR OF SOILING

This last factor is an important one. The plane upon which the women of a country live determines the standard of living for that country. Certainly in no other land is the standard of living as high as it is in the United States. The general adoption of oil for fuel will raise it still higher.

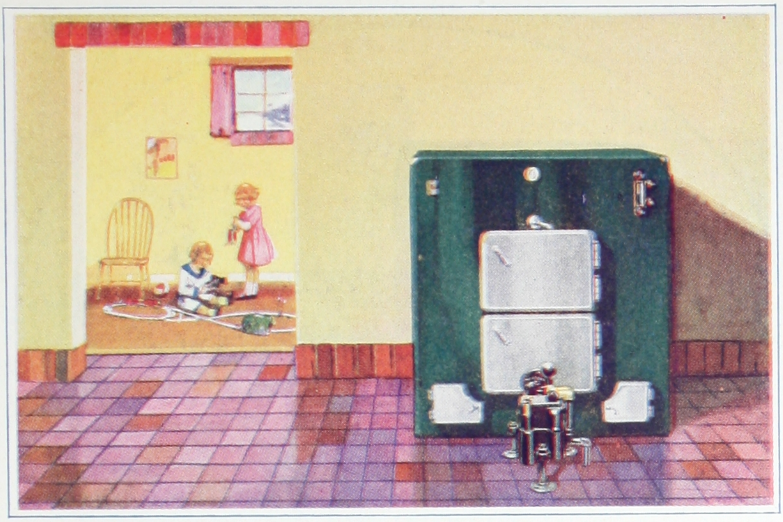
Washing machines and vacuum cleaners driven by an electric motor work for two to three cents an hour. An electric motor runs an oil burner for one-half cent an hour. And yet there are millions of women doing the work which a motor can do—toiling from morning to night to keep their home free from dust and dirt—enduring the laborious work of shoveling coal—slaves to the vagaries of a coal fire—when all this could be done for them at an infinitesimal cost.

There is no question about it—some day every home in the United States that makes any pretense of having the comforts of a home will be burning oil for fuel. And this will be brought about not alone through consideration of economy but also through the fact that we will not allow our mothers and wives to do the work that can be done for them at one-half cent an hour.

Operation Continuous and Automatic

In operation the burning of oil is automatic, requiring none of the back-breaking labor of starting, stoking or banking fires and the attention to drafts and dampers so necessary with solid fuel. Heating response is prompt and efficient. Oil gives perfectly controlled, uniform heat and with a *properly and correctly designed burner*

The Caloroil Way. Clean, comfortable, uniform warmth at all times



ADDS OTHER ROOMS TO YOUR HOUSE. FUEL OIL HAS MADE THE DIRTY CELLAR A THING OF THE PAST

maximum efficiency is obtained from the boiler at a considerable saving of labor.

Oil Most Economical Fuel

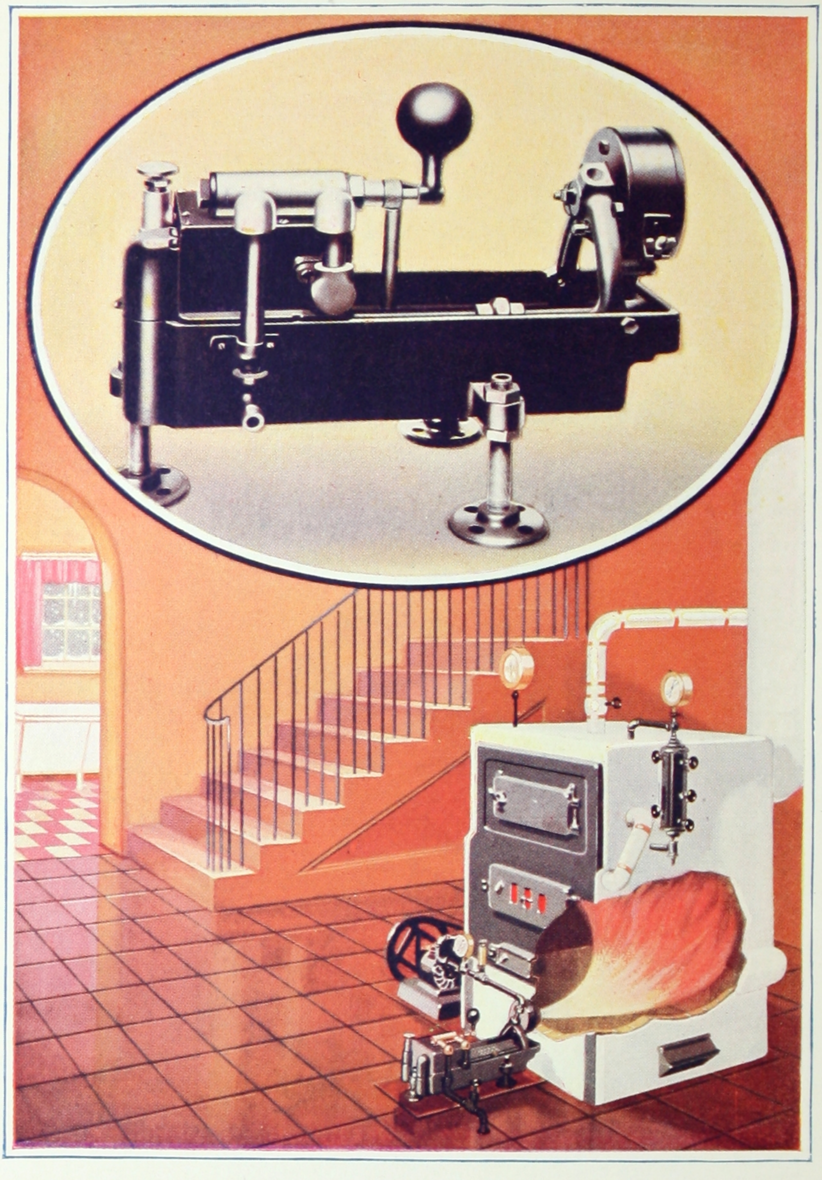
The ability to control the amount of heat required is of the greatest importance from the standpoint of economy. No more oil is used than is required to maintain the desired temperature. If the temperature of the rooms should go over the point desired, the burner is automatically shut off. Should a lower temperature be desired, the Thermostat can be set at the degree of warmth needed. The burner will then operate and maintain that temperature for as many hours or days as are necessary.

Control by this method is responsible for a great saving in fuel costs throughout the heating season and this saving is especially noticeable during the spring and fall months when heat is needed only for a few hours in the morning or at night.

Burner Most Important Factor

The most important factor, of course, in the successful use of oil for fuel is the burner. Unless the burner is *mechanically correct* in design, maximum efficiency with reliable performance cannot be obtained. That the Caloroil Burner meets the necessary requirements of design and workmanship has been proved in hundreds of installations.

No need for this. Let the Caloroil take the place of your coal shovel and save one-fourth your fuel bill



THE CALOROIL BURNER

A PRODUCT OF THE FINEST ENGINEERING SKILL AND INGENUITY. EFFICIENT, RELIABLE AND ECONOMICAL. A CALOROIL BURNER IN YOUR HOME IS AN INVESTMENT IN GOOD HEALTH, COMFORT AND ECONOMY

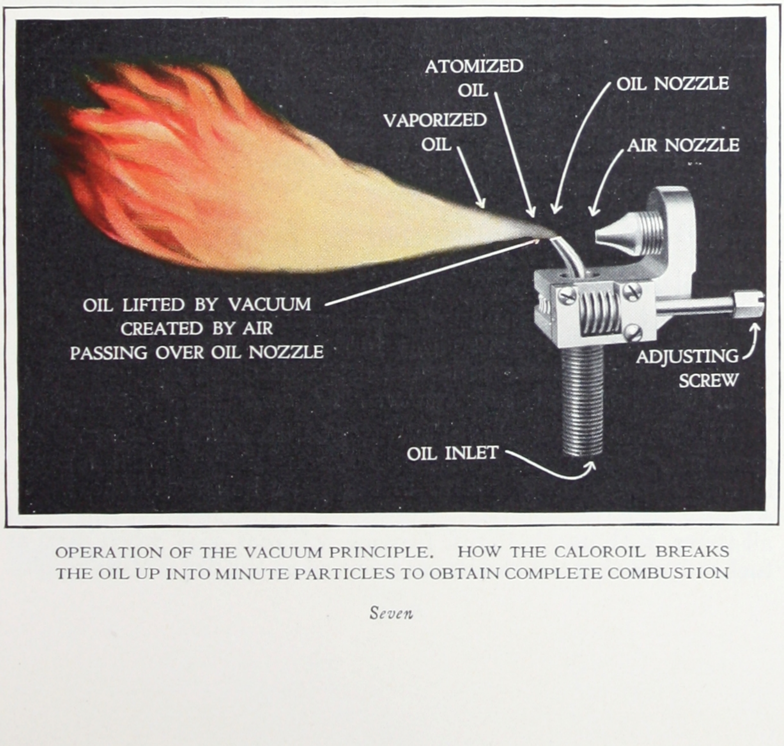
THE CALOROIL BURNER

Assures Even Warmth with the Greatest Economy

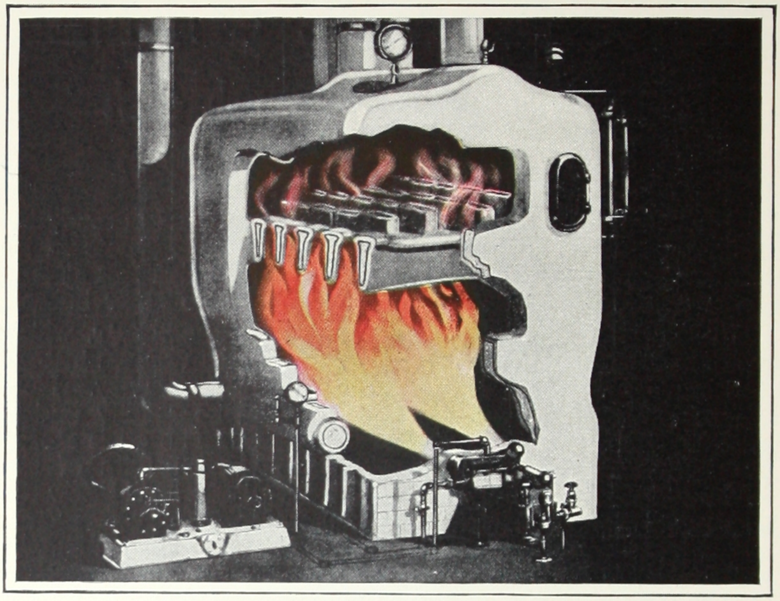
THE Caloroil Burner is the result of many years of study by expert heating engineers. *Simplicity* is the keynote in its construction and its success is due as much to this fact as it is to the embodiment of features contained in no other burner.

In principle, the Caloroil Burner is the *vacuum type*, which means that the oil is drawn up by a self-created vacuum instead of being fed to the nozzle under pressure or gravity. How this principle works with the Caloroil can be readily understood by glancing at the illustration below. The oil is stored in tanks, piped to the oil inlet of the burner and maintained at a level below the nozzle. A small motor-driven compressor, especially designed for the Caloroil Burner and controlled by a Thermostat furnishes the air which passes over the oil nozzle and creates the vacuum (see illustration below). This vacuum lifts the oil from its level, causing it to come in contact with the air. As soon as this is accomplished, which is instantaneous, it is atomized or broken up into minute particles and ignited by a small gas pilot light. This action is positive

The Caloroil Vacuum Principle



OPERATION OF THE VACUUM PRINCIPLE. HOW THE CALOROIL BREAKS THE OIL UP INTO MINUTE PARTICLES TO OBTAIN COMPLETE COMBUSTION



CROSS SECTION OF BOILER SHOWING THE CALOROIL BURNER IN OPERATION. WITH THE CALOROIL COMPLETE COMBUSTION IS ASSURED, UTILIZING EVERY UNIT OF HEAT THAT OIL CONTAINS BY SPREADING THE FLAME OVER THE ENTIRE COMBUSTION CHAMBER

and requires no adjustment of the oil supply. The elimination of any necessity for ever adjusting the supply of oil is one feature that insures reliable operation with the Caloroil Burner.

In developing the Caloroil Burner, it was recognized that grades of oil available in different localities varied, and therefore the burner is capable of successfully burning any grade of fuel oil that will readily flow in cold weather. In addition to burning the finer distillates such as kerosene, furnace oil and gas oil, the Caloroil Burner has been approved by the Underwriters' Laboratories maintained by the National Board of Underwriters, to burn oil as low as 28 degrees Baumé, which is the heaviest and, incidentally, the cheapest grade of fuel oil sold commercially for household use. The ability of the Caloroil Burner to burn this grade of oil enables you to heat your home at a *one-quarter or more* saving over coal.

Caloroil Burner Cuts Fuel Bill

The combined heating efficiency of the Caloroil Burner and a cast iron sectional boiler has been 70% and higher, which is much higher than can be obtained in the same boiler with coal. In addition, the Caloroil Burner operates at maximum efficiency at all times, with any boiler or furnace, whereas coal, when used as fuel, only reaches the maximum point when the fire is at its height.

EVERY PENNY SPENT FOR OIL RETURNED IN HEAT

THE use of Caloroil Burners is not confined to new homes and modern boilers. The Caloroil Burner works efficiently with *any type* or *size of boiler* or *hot air furnace*. It is only necessary to take out the grates and line the inside of the ash pit with a layer of standard fire brick. This enables the owners of older homes to enjoy the comfort, convenience and economy of oil heating to the same degree as those with more up-to-date heating outfits.

Complete Combustion

Efficiency is gained by complete combustion of the oil. This is just what the Caloroil Burner accomplishes. Complete combustion cannot be obtained with oil in its natural liquid state. To burn readily oil must be broken up into minute particles; the finer the particles into which the oil is broken up, the quicker will its burning take place and the more complete will be the combustion.

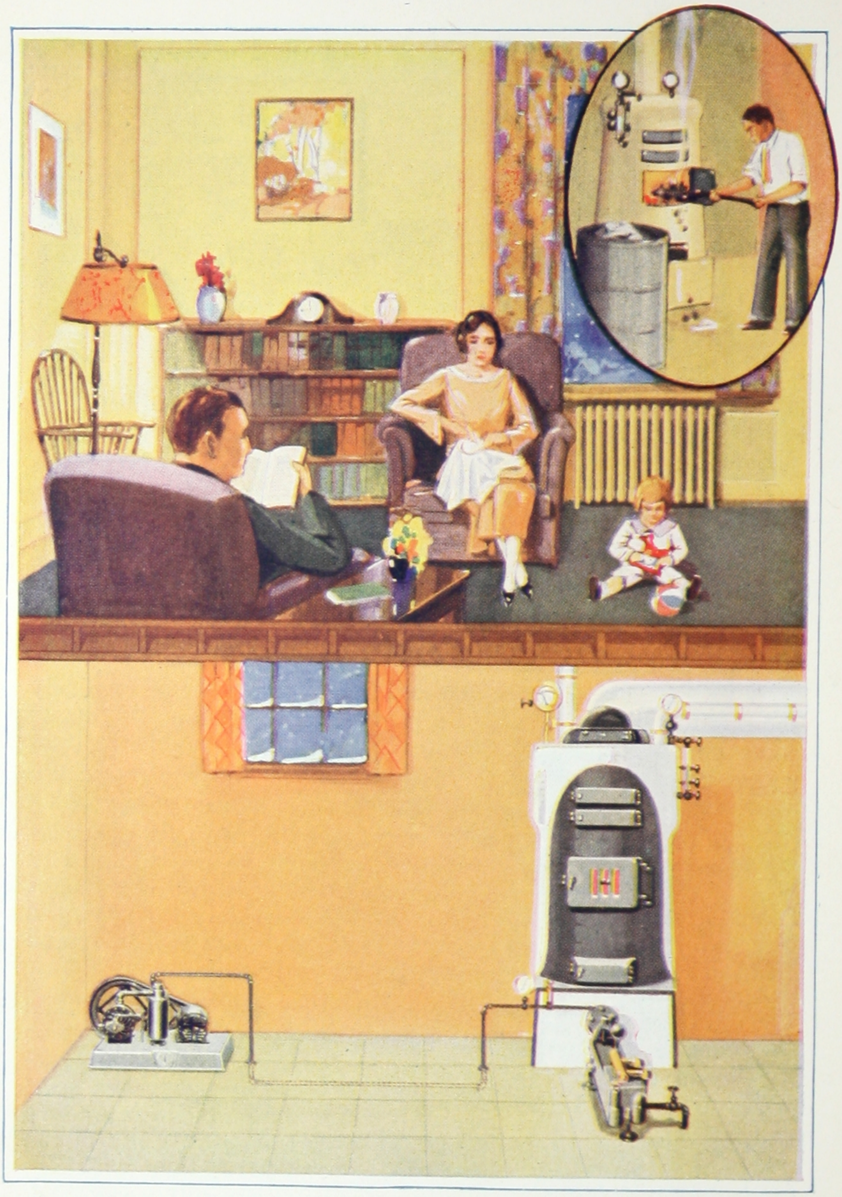
We believe that no other burner breaks up the oil as finely as the Caloroil Burner. Furthermore, the Caloroil Burner accomplishes its atomizing in the simplest possible manner without the need of complicated parts.

No Carbon, Soot or Odor

The very fine atomization of the oil obtained with the Caloroil Burner allows it to be completely burned *without smoke, formation of carbon or odor* and the combustion is accomplished with the *minimum amount of air*. This means that every gallon of fuel oil produces the utmost amount of heat and none of it is wasted in generating soot or in heating excess air.

Can Be Used with Any Type of Boiler

Another very important consideration which enhances the efficiency of the Caloroil Burner is that no matter how large or small the combustion chamber may be, the flame is easily adjusted so that it is adaptable to that particular size of chamber. The air pressure determines the amount of oil burned and hence the size of the flame. This is adjusted at the most efficient point, when the burner is installed. The greater the air pressure the larger the flame. This eliminates the possibility of feeding too much or too little oil and as the flame can be adjusted to conveniently fill the fire box of any boiler, it means that the Caloroil Burner will be the proper size for your boiler.

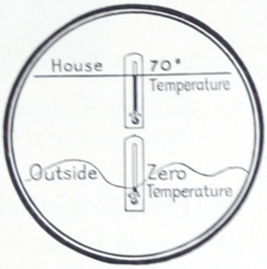


THE NEW AND THE OLD. A PERFECT CONTRAST BETWEEN THE ANTIQUATED COAL SHOVEL AND THE AUTOMATICALLY CONTROLLED CALOROIL IS SHOWN BY THIS ILLUSTRATION. NO BUILDING OF FIRES, STOKING OR ADJUSTING OF YOUR FURNACE IS NECESSARY WITH A CALOROIL IN YOUR CELLAR. A TURN OF THE SWITCH GIVES YOU CONTROLLED, UNIFORM WARMTH TO ANY DEGREE DESIRED

CLEAN, COMFORTABLE WARMTH WHENEVER YOU WANT IT

Uniform Controlled Heat

THE Caloroil Burner *entirely eliminates the drudgery* and many disagreeable features connected with the use of coal as fuel. The Thermostatic control assures adequate, even heat to any desired degree. It is only necessary for the owner to set the Thermostat, installed in one of the rooms upstairs, at any desired temperature and independent of outside weather conditions, the burner will maintain that temperature within one or two degrees without any further adjustment. In installing the Thermostat, care should be taken that it be placed on an inside wall and in such a position that it is not subject to drafts from doors or windows or extra heat generated by the chimney.



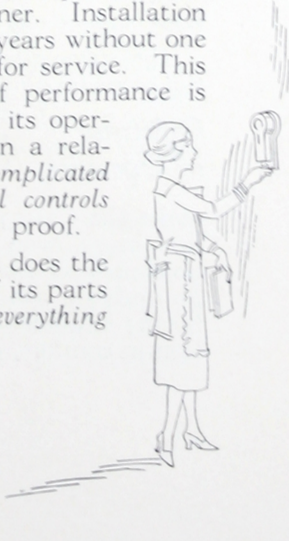
A Turn of the Switch Starts or Stops the Caloroil

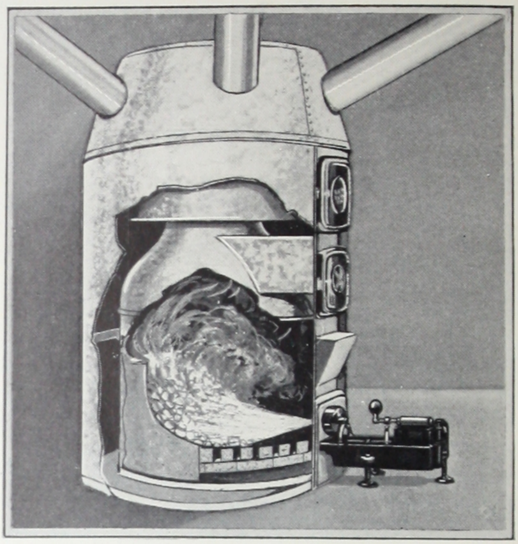
The Thermostat is constructed in such a manner that allows the burner to be stopped and started at will, such as on warm days in the spring or fall, leaving or returning from an absence of several days, etc. The clock attachment can also be used to start and stop burner operation between any desired hours.

No Complicated Parts to Get Out of Order

The *simplicity* of the Caloroil Burner makes it the most reliable oil-burning device on the market. Its performance record cannot be equalled by any other burner. Installation after installation has been in use two to three years without one call being necessary for service. This remarkable record of performance is due to the fact that its operation is dependent on a relatively small number of parts. The *absence* of *complicated mechanical construction* and *intricate electrical controls* has made the Caloroil Burner absolutely fool proof.

The burner proper or atomizing unit which does the real work is without moving parts and none of its parts are subjected to intense heat; in other words, *everything is outside of the boiler*.





CALOROIL BURNERS ARE QUIET IN OPERATION AND ARE SUITABLE FOR USE IN HOT AIR FURNACES

No Parts Subjected to Intense Heat

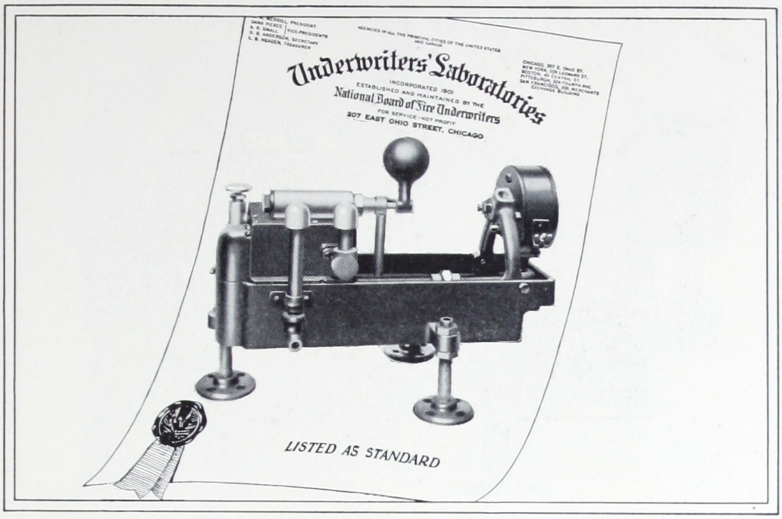
The compressor unit which supplies the air for atomizing the oil has been especially designed for use with the Caloroil Burner. It is a self-oiling machine and requires no attention whatsoever.

The electrical controls work directly on a 110-volt circuit, thereby eliminating transformers, solenoid coils, and other undesirable features. The reliable performance of the Caloroil Burner is the result of a correct engineering design, based upon simplicity that has been carried through in all its various units.

In the early stages of the development of oil burners excessive noise was one of their greatest disadvantages.

Quietness of Operation

The subsequent improvement in this respect is analogous to the overcoming of this objectionable feature in the automobile engine. New methods and better design have reduced noise to a minimum. In designing the Caloroil Burner this factor had the most careful consideration. Everything possible was done to make the Caloroil Burner quiet in operation and all that one now hears, even when standing near the boiler, is a slight, unobjectionable sound. Sitting in any room upstairs, except for its uniform, genial warmth, one would never know that an oil burner had been installed. Caloroil Burners are truly a revelation in comfort, economy and efficiency.



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DANA PIERCE
A. R. SMALL | VICE-PRESIDENTS
D. B. ANDERSON, SECRETARY
L. B. HEADEN, TREASURER

AGENCIES IN ALL THE PRINCIPAL CITIES OF THE UNITED STATES AND CANADA

Underwriters' Laboratories
INCORPORATED 1901
ESTABLISHED AND MAINTAINED BY THE
National Board of Fire Underwriters
FOR SERVICE - NOT PROFIT
207 EAST OHIO STREET, CHICAGO

CHICAGO, 207 E. OHIO ST.
NEW YORK, 109 LEONARD ST.
BOSTON, 40 CENTRAL ST.
PITTSBURGH, 324 FOURTH AVE.
SAN FRANCISCO, 205 MERCHANTS EXCHANGE BUILDING

LISTED AS STANDARD

CALOROIL BURNERS ARE LISTED AS STANDARD BY THE UNDERWRITERS' LABORATORIES MAINTAINED BY THE NATIONAL BOARD OF FIRE UNDERWRITERS AND BY THE BOARD OF STANDARDS AND APPEALS, CITY OF NEW YORK

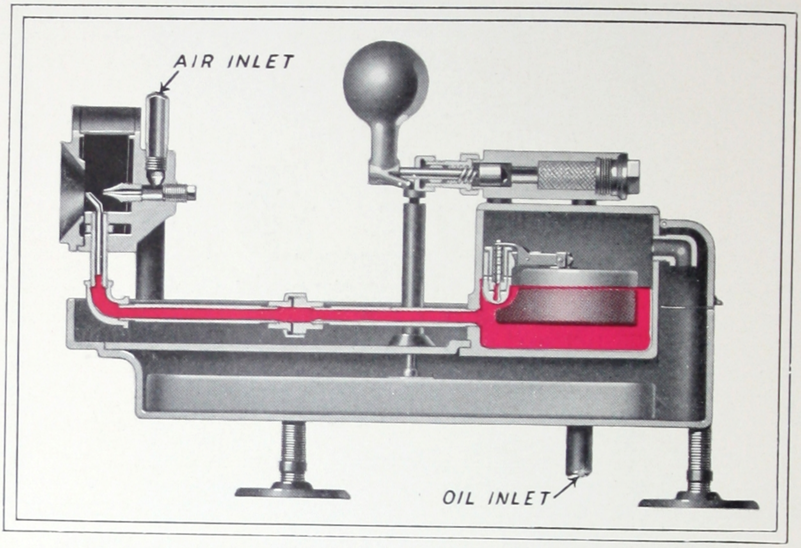
THE SAFEST WAY TO HEAT THE HOME

IN the introduction of heat into the home, the factor of safety must be given important consideration. It has been proved over a period of years that there is less risk of fire from burning of oil than from any other fuel. An authoritative engineer states: "It is probably true that there is less risk with oil than with solid fuels." The statement of the Fire Marshal of the state of Illinois is further proof of this contention. He says: "The fires from sparks on roofs cause an annual loss of nearly two million dollars in Illinois alone. With oil burners, the fire risk from this cause is entirely eliminated."

No Danger From Sparks

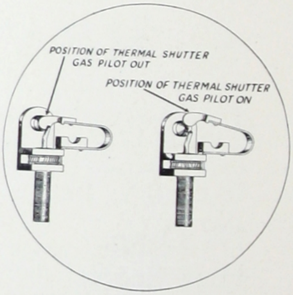
Complete Combustion Eliminates Deadly Gases

With coal as a fuel, in addition to the fire risk, the possibility of deadly gases escaping has been a decided menace to health and life. A properly installed oil burner entirely eliminates this cause for alarm because of the complete combustion that takes place in the fire chamber.



CROSS SECTION OF THE CALOROIL BURNER SHOWING OIL LEVEL. NOTE THAT THE OIL IS WELL BELOW THE OPENING IN THE OIL NOZZLE

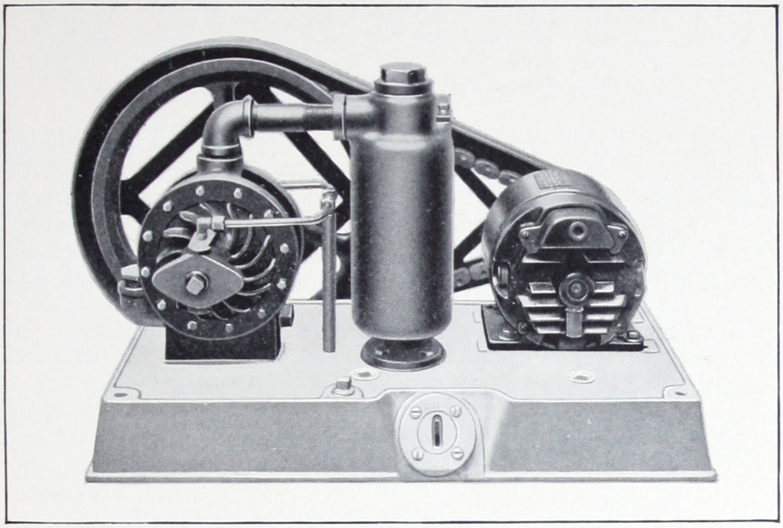
The Caloroil Burner insures absolute safety through several exclusive features. *The oil is always maintained at a level below the opening in the oil nozzle* and before it can escape from this opening, it must be drawn up by a self-created vacuum. Air, generated by the compressor, passing over the oil nozzle creates this vacuum and as the compressor only operates when required, no oil can escape unless desired. Then it is always in atomized form and inside the boiler where it is immediately burned.


POSITION OF THERMAL SHUTTER GAS PILOT OUT
POSITION OF THERMAL SHUTTER GAS PILOT ON

The gas pilot is located so that it will always ignite the atomized oil. Should the gas pilot ever go out (which should never occur except in case of a decided drop in the gas pressure) the thermal metal safety shutter would block off the air used for atomizing the oil, thus preventing the formation of the vacuum necessary to draw the oil up to the nozzle and stopping immediately the further introduction of oil into the boiler. The operation of the thermal metal safety shutter is shown in the accompanying illustration.

Feature Number 1

The small circular illustration on the following page shows the automatic shut-off valve and safety float chamber which controls the level of the oil and keeps it below the opening of the oil nozzle. Should the oil ever rise above the normal level for

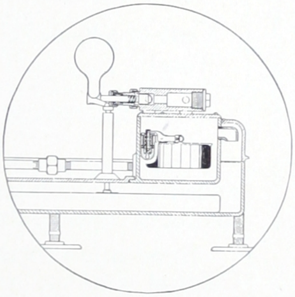


CALOROIL COMPRESSOR UNIT. THIS NOISELESS, SELF-OILING COMPRESSOR OPERATED BY A SMALL MOTOR SUPPLIES THE AIR FOR ATOMIZING THE OIL

any unforeseen reason it would flow into the float chamber. There is a balsa wood,

Feature Number 2

copperized float in this chamber which is lighter than cork. This float would rise and by means of a vertical rod cause the balance ball to fall over and close a quick-acting shut-off valve, stopping the supply of oil to the burner. This feature is rarely called into operation but it does positively prevent any possibility of oil escaping.



The Caloroil Burner has no parts in the boiler subject to the varying heat of combustion and, therefore, unequal stresses and

Feature Number 3

strains caused by expansion and contraction are entirely eliminated. This prevents the possibility of parts getting out of adjustment.

Because of the complete combustion that takes place in the boiler with a Caloroil Burner, the danger from gases and oily soot is not encountered. The safety of the Caloroil Burner has been completely established, not only by its record in the homes of hundreds of owners but also in the laboratories of the National Board of Fire Underwriters, where it was tested over a period of many months. They approved Caloroil Burners to burn fuel oil as low as 28 degrees Baumé as well as the lighter oils such as furnace oil, distillates and kerosene. A copy of their examination and approval will gladly be shown upon request.

CUTS FUEL BILLS 25%

This Has Been the Experience of Caloroil Users

Burns Cheapest Grade of Fuel Oil

THE Caloroil Burner is *economical* to operate because of its high efficiency and its ability to burn the cheapest grade of fuel oil that will readily flow in zero weather. The average consumption of oil with a Caloroil Burner is 130 gallons or less to the ton of anthracite coal. This average is rarely exceeded and many cases have been brought to our attention where the comparison is lower. The following table of comparative costs shows graphically the saving a Caloroil Burner affords over coal in one season.

Average number of tons burned	15	
Average cost of coal per ton	$15	
		$225.00
Average number of gallons of oil at 130 gallons to each ton of coal	1950	
Average cost of oil per gal.	.08	
	$156.00	
Cost of gas and electrical current	18.00	
Total		174.00
Saving		$51.00

If the cost of removing ashes and man to care for furnace is added to the cost of heating with coal, it will be seen that the saving is considerably more.

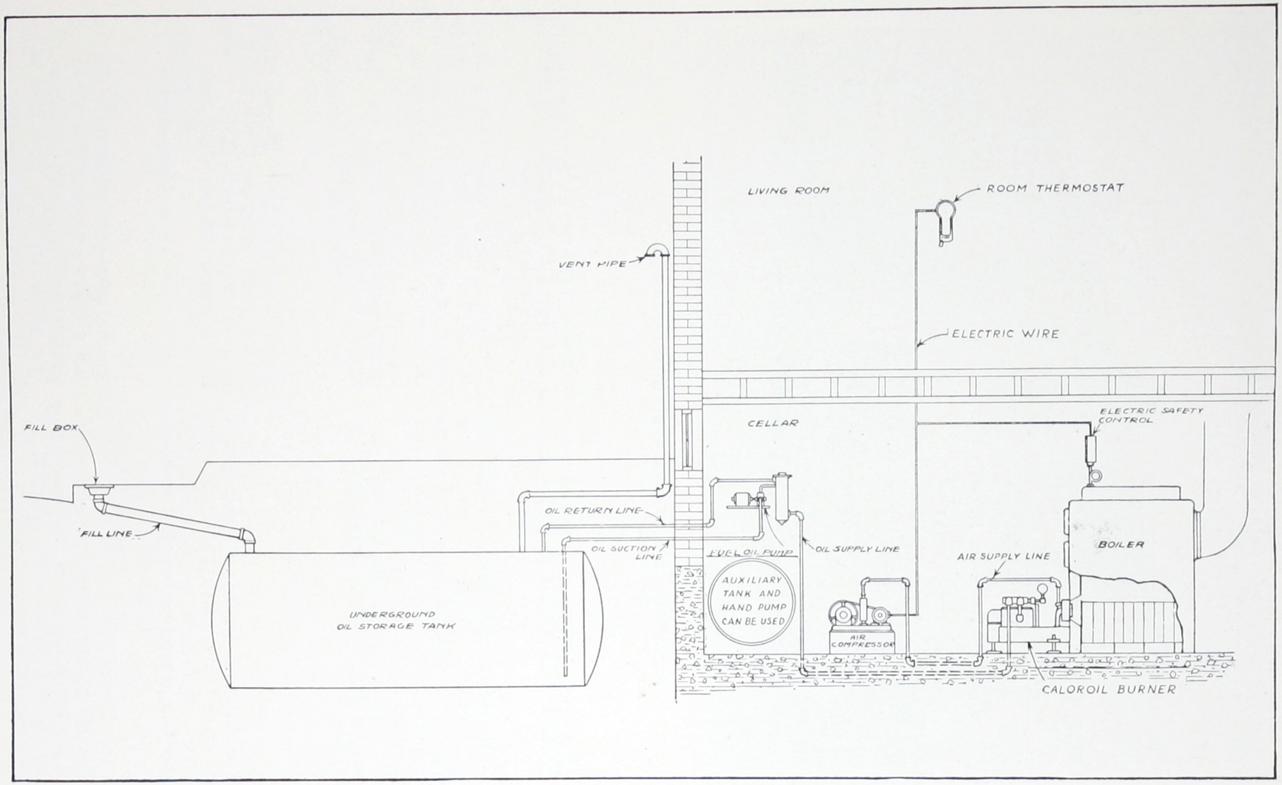
Saves in Many Ways

In addition to the outright saving over coal effected by the Caloroil Burner, you will appreciate its economy in many different ways. The absence of smoke, soot and dust means longer life to your rugs and furnishings and a considerable reduction in the number of times your house will require painting.

The Caloroil Burner is priced to fit everyone's pocket book. Indeed, in the face of the outstanding saving in actual dollars and cents that it affords, it is simply a waste of good money to be without one.

First Cost Your Only Cost

The first cost of the Caloroil Burner is your only cost. There are no intricate parts that require replacing, expensive repairs or servicing. The initial cost of the Caloroil Burner is returned to you many times over in the saving of fuel, not to mention the large return you receive from your investment in comfort, convenience and health.



COMPLETE CALOROIL INSTALLATION SHOWING UNDERGROUND OIL STORAGE TANK, PUMP, BURNER AND COMPRESSOR UNIT. ROOM THERMOSTAT UPSTAIRS AUTOMATICALLY CONTROLS OPERATION OF THE BURNER AND MAINTAINS UNIFORM TEMPERATURE

RESIDENCE OF A. L. DEANE, WHITE PLAINS, N. Y.

REPRESENTATIVE INSTALLATIONS

I also have used several makes of oil burners, which burners have caused me much trouble, and which burners have been discarded and replaced by the Caloroil Burners. I am satisfied with the Caloroil and believe that it is the long-looked-for burner.

WILLIAM JESSOP,
Ridgewood, N. J.

The Caloroil Burner in the greenhouse on my place in Greenwich, Conn., has been very satisfactory, and has proved thoroughly reliable.

RICHARD A. STRONG,
Greenwich, Conn.

The oil burner which you installed in my home has given such satisfaction that I have taken occasion to recommend it to my brother.

GEORGE E. COOK,
Hastings-on-Hudson, N. Y.

I beg to state your two burners installed in my house have given complete satisfaction. I consider the uniformity of heating, regardless of outdoor conditions, to be of very great importance where the health of my family is concerned.

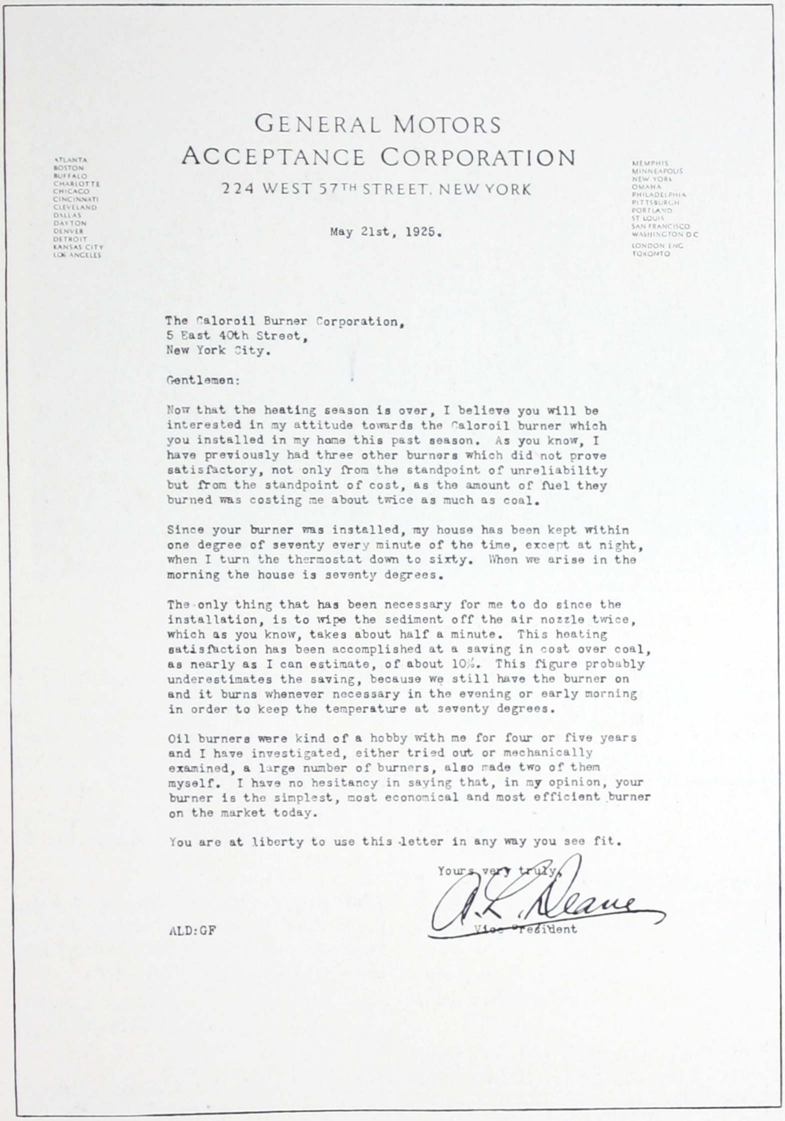
WILLIAM W. STRUTHERS,
Rye, N. Y.

Regarding the Caloroil Burner which I have been using for three years, I find it very satisfactory. I also find it much cheaper than coal.

R. HIMME,
Hempstead, N. Y.

It never got out of adjustment during the whole winter and for weeks no one ever looked at the furnace at all. The whole thing is perfectly satisfactory to the highest degree.

HOBART S. BIRD,
Tuckahoe, N. Y.



GENERAL MOTORS
ACCEPTANCE CORPORATION
224 WEST 57TH STREET, NEW YORK

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OMAHA
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PITTSBURGH
PORTLAND
ST LOUIS
SAN FRANCISCO
WASHINGTON D C

LONDON ENG
TORONTO

May 21st, 1925.

The Caloroil Burner Corporation,
5 East 40th Street,
New York City.

Gentlemen:

Now that the heating season is over, I believe you will be interested in my attitude towards the Caloroil burner which you installed in my home this past season. As you know, I have previously had three other burners which did not prove satisfactory, not only from the standpoint of unreliability but from the standpoint of cost, as the amount of fuel they burned was costing me about twice as much as coal.

Since your burner was installed, my house has been kept within one degree of seventy every minute of the time, except at night, when I turn the thermostat down to sixty. When we arise in the morning the house is seventy degrees.

The only thing that has been necessary for me to do since the installation, is to wipe the sediment off the air nozzle twice, which as you know, takes about half a minute. This heating satisfaction has been accomplished at a saving in cost over coal, as nearly as I can estimate, of about 10%. This figure probably underestimates the saving, because we still have the burner on and it burns whenever necessary in the evening or early morning in order to keep the temperature at seventy degrees.

Oil burners were kind of a hobby with me for four or five years and I have investigated, either tried out or mechanically examined, a large number of burners, also made two of them myself. I have no hesitancy in saying that, in my opinion, your burner is the simplest, most economical and most efficient burner on the market today.

You are at liberty to use this letter in any way you see fit.

Yours very truly,

A. L. Deane
Vice President

ALD:GF

REPRODUCTION OF A LETTER FROM MR. A. L. DEANE. THE MANY LETTERS OF THIS TYPE THAT WE RECEIVE ARE EVIDENCE OF THE UNIVERSAL SATISFACTION THAT CALOROIL BURNERS ARE GIVING

RESIDENCE OF IVAN L. LOMPREY, SEA CLIFF, N. Y.

The Burner is absolutely safe and, most important, it is free from servicing. There has been no necessity of ever calling on your company to make any adjustments or changes whatsoever.

HORACE BEAUMONT,
Paterson, N. J.

Have found it very satisfactory. I like oil as I can get up steam in one-half hour when it takes one and one-half hours for coal.

GEORGE LOWTHER,
Riverside, Conn.

After three seasons' use of your burner, I can say that I feel it quite satisfactory.

F. BURNHAM CHAPMAN,
Rye, N. Y.

The Caloroil Burner which you installed in my house at Tenafly last fall has given satisfaction.

JUDGE E. HEPPENHEIMER,
Tenafly, N. J.

Has given absolute satisfaction. The consumption of coal was never less than fifty tons. My consumption of oil has averaged less than 6000 gallons. The highest price of oil since 1920 has been eight cents.

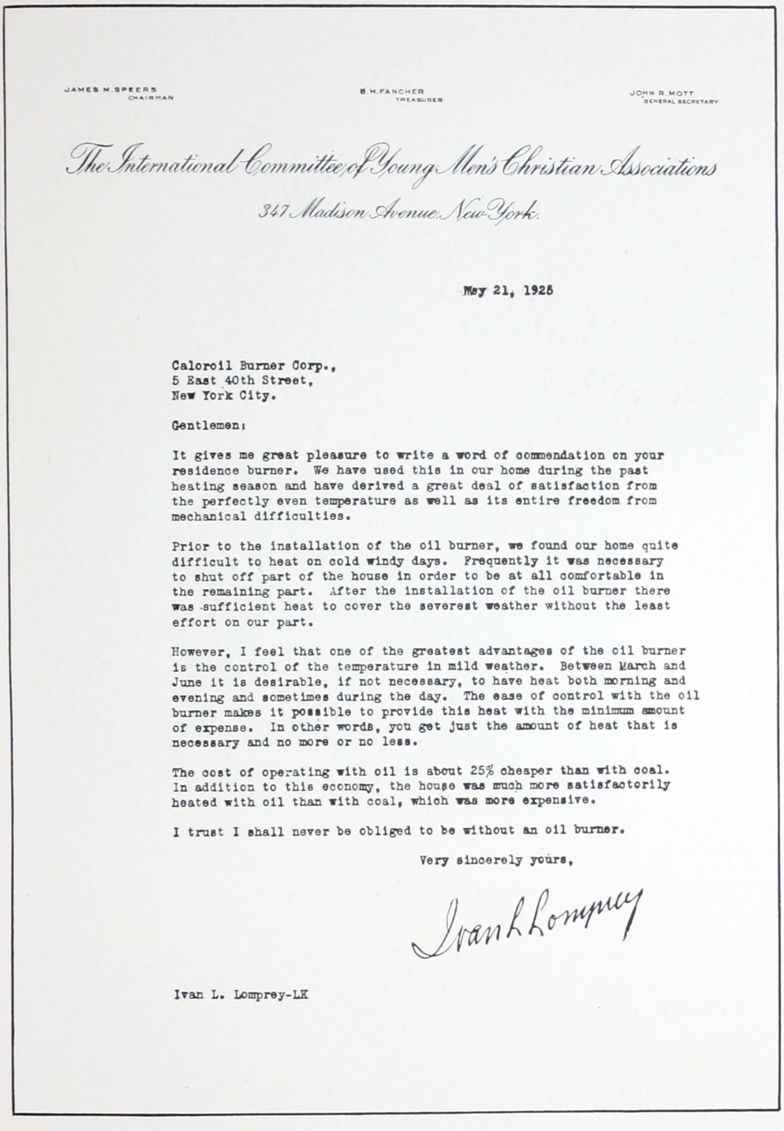
E. W. ZENTGRAF,
Stapleton, Staten Island, N. Y.

I have used a Caloroil Burner for the past two years and never before enjoyed so much heat luxury nor gave so little attention to it.

FRANK LITTLE,
South Orange, N. J.

I have found the Caloroil Burner used for heating my hotel for the past two years, to be very economical, labor-saving and clean. The amount of my savings I cannot determine exactly but I have estimated it to my satisfaction at from two to three hundred dollars per season.

HOTEL PITNEY,
Valley Stream, N. Y.



JAMES M. SPEERS
CHAIRMAN

B. H. FANCHER
TREASURER

JOHN R. MOTT
GENERAL SECRETARY

The International Committee of Young Men's Christian Associations
347 Madison Avenue, New York.

May 21, 1925

Caloroil Burner Corp.,
5 East 40th Street,
New York City.

Gentlemen:

It gives me great pleasure to write a word of commendation on your residence burner. We have used this in our home during the past heating season and have derived a great deal of satisfaction from the perfectly even temperature as well as its entire freedom from mechanical difficulties.

Prior to the installation of the oil burner, we found our home quite difficult to heat on cold windy days. Frequently it was necessary to shut off part of the house in order to be at all comfortable in the remaining part. After the installation of the oil burner there was sufficient heat to cover the severest weather without the least effort on our part.

However, I feel that one of the greatest advantages of the oil burner is the control of the temperature in mild weather. Between March and June it is desirable, if not necessary, to have heat both morning and evening and sometimes during the day. The ease of control with the oil burner makes it possible to provide this heat with the minimum amount of expense. In other words, you get just the amount of heat that is necessary and no more or no less.

The cost of operating with oil is about 25% cheaper than with coal. In addition to this economy, the house was much more satisfactorily heated with oil than with coal, which was more expensive.

I trust I shall never be obliged to be without an oil burner.

Very sincerely yours,

Ivan L Lomprey

Ivan L. Lomprey-LK

REPRODUCTION OF A LETTER FROM IVAN L. LOMPREY. MR. LOMPREY HAS FOUND HIS CALOROIL BURNER SUCH A COMFORT AND ECONOMY THAT HE TRUSTS HE MAY NEVER BE OBLIGED TO BE WITHOUT ONE

UPPER PICTURE, RESIDENCE OF C. B. MANSVILLE, PLEASANTVILLE, N. Y.

LOWER PICTURE, RESIDENCE OF M. E. RIONDA, ALPINE-ON-HUDSON, N. J.

I cannot speak too highly of this wonderful device, which has given unqualified service since its installation.

C. B. Mansville,
Pleasantville, N. Y.

The Caloroil Burner installed in our shop last winter has given us great satisfaction and has kept the building comfortable all winter.

Williams & Cullinan,
Yonkers, N. Y.

The house has at all times been most comfortable even in coldest weather and only those having a Caloroil can realize what a comfort it is.

M. E. Rionda,
Alpine-on-Hudson, N. J.

The burner which I have installed in my home for the past winter has so pleased me that I would hesitate to go to the burning of coal, even though the fuel were supplied to me free of charge.

A. R. Myers,
Erie, Pa.

UPPER PICTURE, RESIDENCE OF B. R. NEWBERY, YONKERS, N. Y.

LOWER PICTURE, RESIDENCE OF FRANK BERNARD, MUNCIE, IND.

I am very glad to tell you that I am more than pleased with the Caloroil Burner installed in my furnace. I might add, no more coal for me.

B. R. Newbery,
Yonkers, N. Y.

Your Caloroil Burner installed for me early last winter in my hot air furnace has given very satisfactory service.

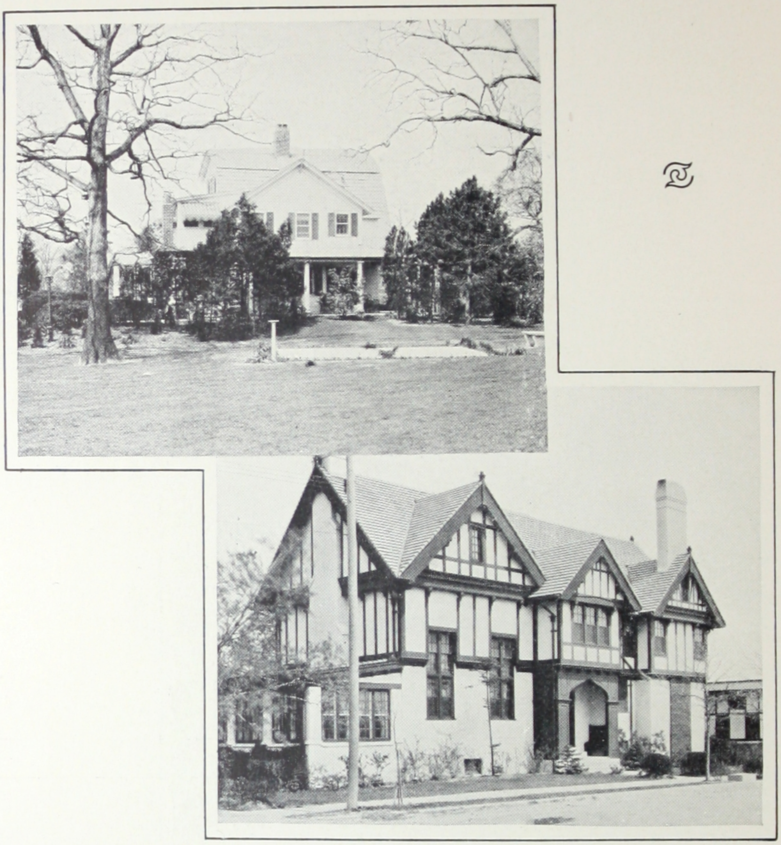
F. B. Bernard,
Muncie, Ind.

The Caloroil Burner which I have been using to heat my home for the past winter has been very satisfactory in every way.

Geo. W. Kreitler,
Glenside, Pa.

The Caloroil Burner system you have installed in our hotel has proved most satisfactory, both as to the proper supply of heat and low cost of maintenance. Compared with the consumption of coal the cost was considerably less.

Alex Wiener,
Hotel Embassy, *Lakewood, N. J.*



UPPER PICTURE, RESIDENCE OF K. J. LUNDGREN, WOODMERE, N. Y.

LOWER PICTURE, RESIDENCE OF JESSE FROEHLICH, LONG BEACH, N. Y.

As to the satisfaction of your Caloroil Burner, would state that same has proved very efficient and at a great saving over the cost of coal, besides having the comfort and convenience of clean heat, when, and as you want it.

K. J. LUNDGREN,
Woodmere, N. Y.

I am so sold on oil burners that I would not have a house without one.

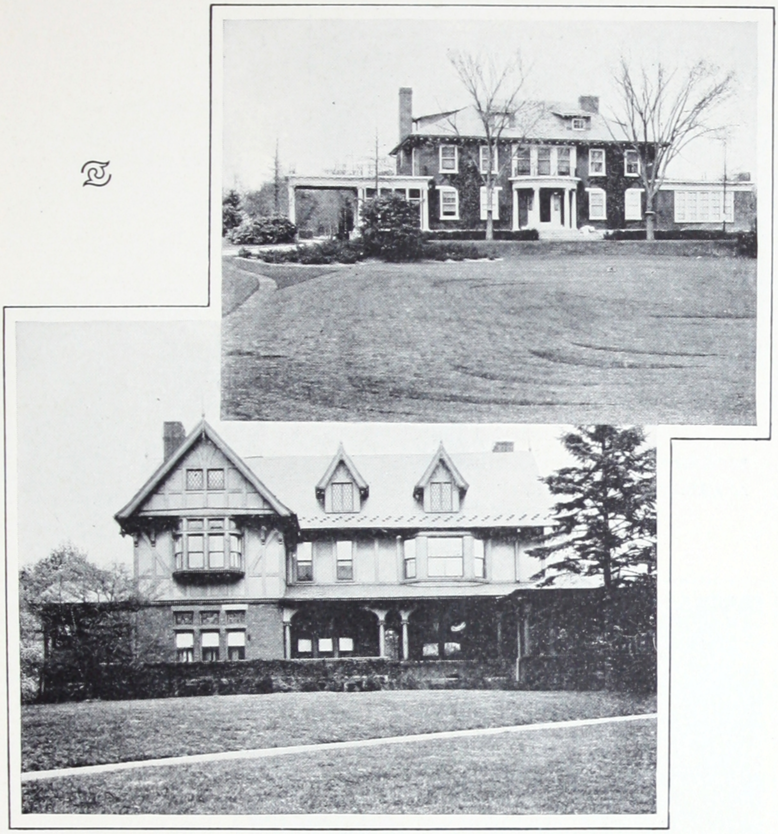
JESSE FROEHLICH,
Long Beach, N. Y.

I am very much pleased with my experience in using the Caloroil. It has given very good service.

SUPERINTENDENT, Branson Bldg.,
Philadelphia, Pa.

I will make affidavit to the fact that the house has never been below 68 degrees all winter long and never above 70 degrees. I am so thoroughly satisfied that I hesitate to write you a testimonial letter for fear I would make the thing look too good.

GUY WHITE,
North Tonawanda, N. Y.



UPPER PICTURE, RESIDENCE OF N. B. HERSLOFF, SOUTH ORANGE, N. J.

LOWER PICTURE, RESIDENCE OF G. W. S. WHITNEY, SOUTH ORANGE, N. J.

Caloroil Burner equipment has, to date, given entire satisfaction. There have been no breakdowns and no changes since it was first installed.

Niles B. Hersloff,
South Orange, N. J.

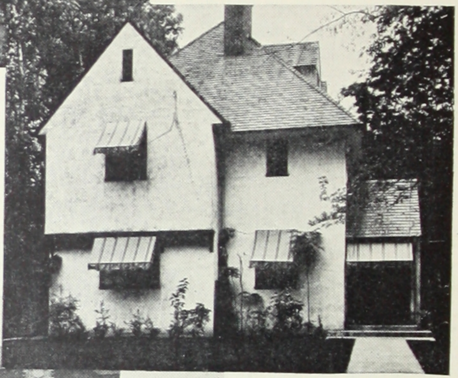
Your burners have given me very good satisfaction and as near as I can estimate, I am making a saving of 25% over the usual coal consumption.

G. W. S. Whitney,
South Orange, N. J.

We have operated a Caloroil Burner in our steam heating plant for the past three years and we have found it satisfactory in every way. Previous to using the burner, we were unable to properly heat our building with coal. Now we also find that we have saved over 25 per cent on our heating expenses (comparing the cost of coal with oil). We do not hesitate in recommending it to anyone interested, believing that there is no better burner on the market, after having gone into the situation very thoroughly.

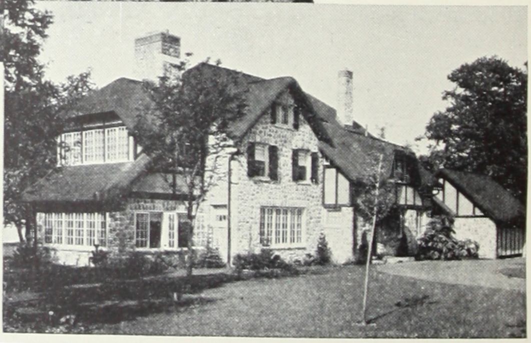
La Grange Inn,
Babylon, L. I.

RESIDENCE OF
S. F. GARDNER,
CHEVY CHASE, D. C.



RESIDENCE OF W. S.
AVERILL, ROCHESTER,
N. Y.

RESIDENCE OF
GEO. C. GORDON,
ROCHESTER, N. Y.



RESIDENCE OF
A. R. MYERS,
ERIE, PA.

TYPICAL CALOROIL-HEATED RESIDENCES. THE SUCCESS WITH WHICH CALOROIL BURNERS MEET THE HEATING REQUIREMENTS OF ALL TYPES OF RESIDENCES IS WELL ILLUSTRATED IN THE SATISFACTORY SERVICE THEY HAVE RENDERED THE OWNERS OF THE HOMES PICTURED ABOVE

PAWLING SCHOOL
Pawling, New York
FREDERICK LUTHER GAMAGE
Headmaster

August 27, 1925

Mr. L. C. Wolfe,
Poughkeepsie, N. Y.

Dear Mr. Wolfe:

For the past five years I have been studying the question of oil heat for our hot water supply in the main school building. After thorough investigation I decided to install the Caloroil System. The plant has been in operation for four weeks and I cannot speak too highly of it. I never thought that an oil-burning plant could give such perfect satisfaction. It is absolutely fool-proof, free from carbon formation and absolutely noiseless.

Another important consideration to be weighed by anyone considering the installation of an oil-burning system is its economy of operation. It is safe to say from the four weeks' test we have given the system that we are saving from thirty to forty per cent of the expense of operation. The plant is operated under the high and low flame principle because gas is neither available nor necessary.

I recommend the system unqualifiedly to anyone who is looking for a perfect oil-burning device.

Very truly yours,

FRED'K L. GAMAGE

JOHN W. BUNKER
(A CORPORATION)
110 WEST 34TH STREET
NEW YORK

June 17th, 1925

Caloroil Burner Corp.,
New York, N. Y.

Gentlemen:

For three years now I have used a Caloroil Burner in my home at Hollis, L. I., and during that time have been fully satisfied with its operation.

I have found, during this time that whereas I had used an average of 40 tons of coal for the season, at a cost of approximately $560.00 I now use only about $350.00 worth of oil. This is quite a saving.

Greater than the economy of the Burner is the clean operation, with no dust and ashes, with the street cluttered up with several large ash cans each week, as when I used coal.

Taken all in all it is a great little machine and I wish you continued success.

Yours very truly,

JOHN W. BUNKER

THE WARNER HOUSE
220 FIRST AVENUE
ASBURY PARK, NEW JERSEY

May 22, 1925

Caloroil Burner Corp.,
5 East 40th Street,
New York City.

Gentlemen:

Through recommendation of a friend we have installed a Caloroil Burner.

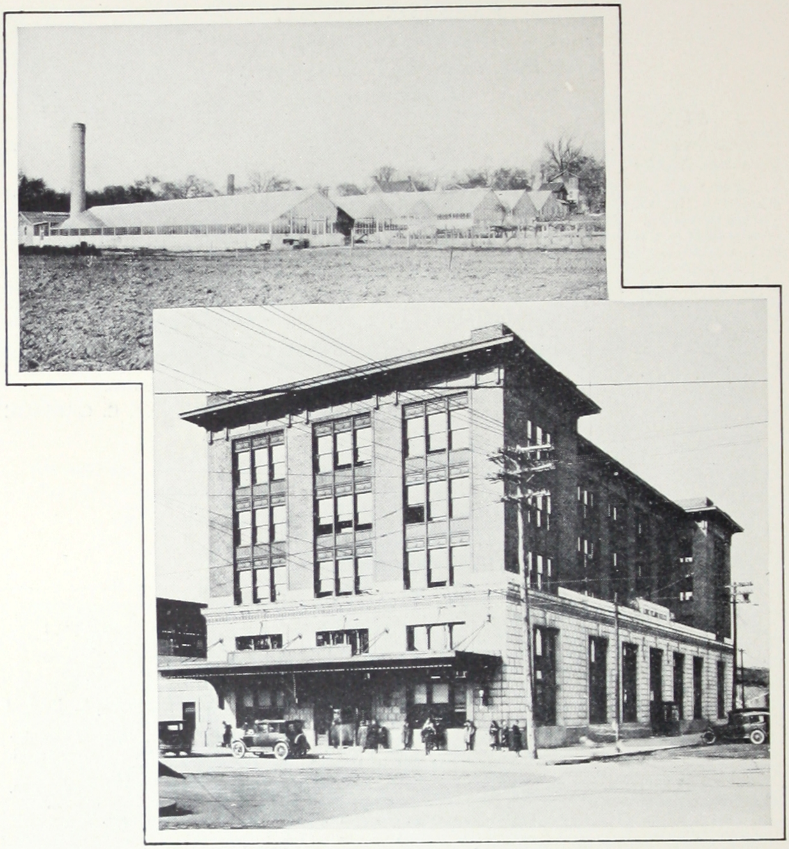
We are pleased to advise you that the Caloroil Burner has more than met our expectations. In comparing figures with our previous years' coal bills and the operative expenses of your burner I find that an amount close to $350.00 was saved, not speaking of the cleanliness and further expenses of keeping a man to maintain the heating apparatus, through the use of coal.

I cannot recommend this meritorious burner too highly and with the success that I have had with it, feel that the Company marketing it should be very successful.

My co-operation is with you at any time.

Very truly yours,

B. W. WARNER



UPPER PICTURE, GREENHOUSES OF LOUIS DUPUY, WHITESTONE, L. I.

LOWER PICTURE, LONG ISLAND R. R. STATION, JAMAICA, L. I.

I am pleased to advise that it has been most satisfactory, and has proved all that you claimed it to be. The system has burned oil perfectly and efficiently, requiring no attention whatsoever, and is capable of delivering more heat to the boilers than is possible to obtain with coal.

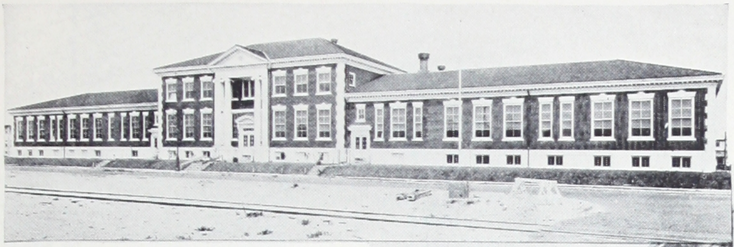
Louis Dupuy,
Whitestone, N. Y.

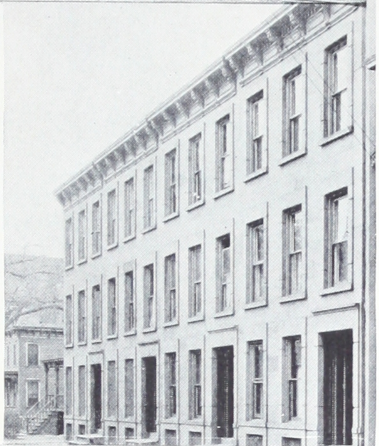
The equipment has been highly satisfactory and since the time the installation was made we have had better heating results than with coal, and our saving has at this date paid for our installation. Our installation cost was $7500 including storage tanks of 36,000-gallon capacity and this has been entirely paid for by our saving in the use of oil as fuel.

Long Island Railroad Co.,
Jamaica, N. Y.

I believe at this time that I can fully recommend the Caloroil Burner which you installed in my residence last February. We operated this during the balance of the heating season up until about the first of May and it operated very satisfactorily.

J. F McNaughton,
Muncie, Ind.





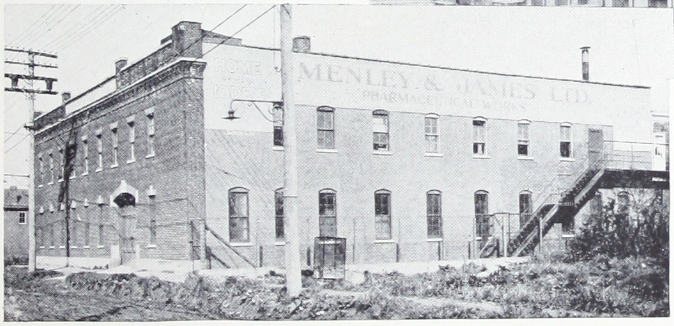
LONG BEACH HIGH SCHOOL,
LONG BEACH, N. Y.

◆

APARTMENTS OF ROBERT A.
CASTRO, JERSEY CITY, N. J.

◆

MENLEY & JAMES,
JAMAICA, N. Y.



The superintendent of our building reports that he finds the Caloroil Burner very satisfactory, especially in regard to the saving of labor.

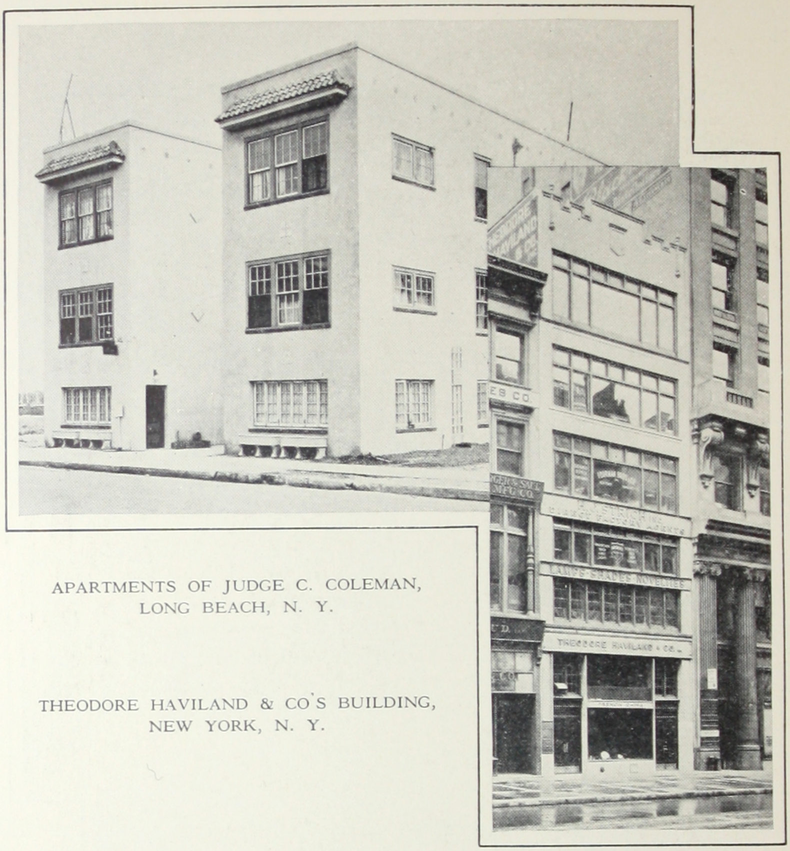
Long Beach High School,
L. I., N. Y.

It is our opinion that the Caloroil Burner equipment is free from any possible dangers and is easily operated and controlled.

Menley and James,
Jamaica, N. Y.

My cost for heating four houses this year has been 7000 gallons of fuel oil at 7¼c. per gallon which amounts to $507.50. Compare this with my best coal record of 50 tons at this year's price of $14.50 per ton, amounting to $725.00. This has been my fourth season with oil, and the best.

Robert A. Castro,
Jersey City, N. J.



APARTMENTS OF JUDGE C. COLEMAN,
LONG BEACH, N. Y.

THEODORE HAVILAND & CO'S BUILDING,
NEW YORK, N. Y.

For the past three years we have been using your Caloroil Burners and have found them entirely satisfactory, not only as wonderful heaters, but as money-savers over coal.

JUDGE C. COLEMAN,
Long Beach, N. Y.

Would advise that the Caloroil Burner has proved satisfactory, providing a quicker and cleaner heat at a saving of 30%.

THEODORE HAVILAND & CO.,
New York, N. Y.

Am very glad, indeed, to express to you my great appreciation of my Caloroil Burner. Installation was made early in December, 1924, and a thorough tryout was given the burner during the winter season. I have cheerfully recommended the burner to many of my friends.

J. C. O'HARRA,
Muncie, Ind.

I am very much pleased with my experiment in using the Caloroil. It has given us very good service. There is no comparison as to the uniformity of heat. The oil has it by a great majority. I shall take great pleasure in saying anything good I can about Caloroil.

HOWARD I. BRANSON,
Philadelphia, Pa.

We wish to inform you that we have found your Oil Burner entirely satisfactory and we are very well pleased with same.

SIGMUNDS,
Washington, D. C.

SPECIFICATIONS
# of Caloroil Burners Model "O"

Style	Size	Boiler Radiation, Sq.Ft. Steam	Hot Water
AA-24	1-S	1200	2000
AA-24	2-T	2400	4000
AA-24	3-TS	3600	6000
AA-24	4-TT	4800	8000
AA-24	5-TTS	6000	10000

Higher ratings can be taken care of by our Standard Water Cooled Compressor Units operating at higher pressures.

The above ratings are applied to the manufacturer's ratings of their boilers and are made on the assumption that the steam demand will not exceed ¼ lb. per square foot of direct steam radiation per hour; and further that the total amount of radiation installed, including risers, etc., is not in excess of 80% of the boiler rating.

* * *

Larger Installations Using Air or Steam for Atomization

Caloroil Burners are adaptable to any size installation and are fully automatic in operation, eliminating the necessity of manual attention. They are installed in the following types of buildings and materially reduce the cost of fuel.

- Apartment Houses
- Office Buildings
- Hotels
- Schools
- Churches
- Factories
- Greenhouses
- Garages
- Laundries
- Kilns

Literature describing the Caloroil Burners for larger installations will be sent upon request.

SUMMARY

THE arguments in favor of burning oil for fuel are irrefutable. The only problem that confronts you is the selection of the best burner.

This is really not such a difficult task as it sounds if the evidence of expert heating engineers and owners is taken into consideration. After all, the best burner is the one that is the most reliable and efficient and engineers familiar with oil burners unhesitatingly state that the Caloroil Burner is the best burner ever built. The testimony of hundreds of satisfied and enthusiastic users bears them out in this contention.

Here are just a few reasons why the Caloroil Burner is the ideal burner for your home.

1. Requires no servicing. Absolutely reliable in operation.
2. Enviable record of satisfactory service in the homes of hundreds of users. Practically every make of oil burner works satisfactorily the first year. The acid test of the reliability of a burner is the second and third years. Caloroil Burners installed three years ago are working as satisfactorily and efficiently as when first put in.
3. Oil lifted to atomizer by automatically-created vacuum eliminating the unreliable gravity or pressure feed.
4. Quiet in operation. No smoke, odor or formation of carbon.
5. Thermostatically controlled. Absolutely automatic in operation.
6. Size of flame easily adjusted to size of fire chamber.
7. Extremely simple in construction. No parts to get out of order.
8. Very economical. Burns fuel oil as low as 28 degrees Baumé. Saves more than one-fourth your fuel bill.
9. Can be installed in few hours. No dismantling of present boiler necessary. Can be used with hot air furnace.
10. Safety assured through exclusive safety features.
11. Listed as standard by the Underwriters' Laboratories maintained by the National Board of Fire Underwriters and approved by the Board of Standards and Appeals of the City of New York.

A Caloroil Burner in your home is an investment in comfort, economy and good health.

MADISON SQUARE PRESS, INC.
NEW YORK